

Title: Postdoctoral Scholar

Department: Genetics and Genome Sciences

School: Medicine

Location: BRB7th floor

Supervisor Name and Title: Berkley Gryder, Assistant Professor

Please email your CV/Resume, a cover letter, and 3 references to berkley.gryder@case.edu

I. STATEMENT OF RESEARCH AND SCIENTIFIC RESPONSIBILITIES

- A highly motivated and skilled researcher to work on drugging transcription through the lens of biomolecular condensates, using a combination of imaging, biochemical, cell biology, and bioinformatics approaches. These approaches will be applied largely in the context of cancer.
- As a Postdoctoral Scholar, he/she will present data at departmental seminars and national/international scientific meetings, prepare manuscripts and contribute preliminary data for grant proposals.
- The Postdoctoral Scholar must be an avid reader of the emerging scientific literature surrounding epigenetics, chromatin regulation, chemical biology, 3D genomics and nuclear condensate dynamics.

II. TECHNICAL SKILLS

- Experience with cell culture, molecular cloning, microscopy
- Experience with biochemical techniques to interrogate proteins and protein interactions, such as immunoprecipitation coupled with mass spectrometry
- Experience with organic synthesis
- Experience with writing code to analyze biological (especially genome-wide) data

III. SUPERVISORY RESPONSIBILITIES

Supervise laboratory technicians/assistants and graduate student trainees in experimental design and data analysis of a variety of projects.

IV. EDUCATION REQUIREMENTS

- Minimum qualifications include an MD or PhD
- The successful candidate must have strong analytical, oral and written communication skills.

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